

### ABSTRACT OF THE DISCLOSURE

The present invention relates to a microwave heater and/or dryer having a nonlinear or curvilinear relative slot profile geometry. The microwave dryer according to the present invention can have at least one adjustable field modifier making it possible to change the geometry of the heater or dryer when drying different webs. The microwave dryer according to the present invention can also be used to provide more uniform drying of a web, when the field modifier is adjusted in response to a sensed condition of the web. Finally, a method of microwave heating and/or drying a web to achieve a uniform heating and/or drying profile is also disclosed.

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#### LAW OFFICES

FINNEGAN, HENDERSON,  
FARABOW, GARRETT,  
& DUNNER, L.L.P.  
1300 I STREET, N.W.  
WASHINGTON, DC 20005  
202-406-4000